



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING LOG

FAIRFIELD
 BRO 1448(41)
 Elm Brook Road, Fairfield, VT

Boring No.: B-1A
 Page No.: 1 of 1
 Pin No.: 12J170
 Checked By: K. Adnams

Boring Crew: P. LaVossiere, K. Owens
 Date Started: 4/29/13 Date Finished: 4/29/13
 VTSPG NAD83: N 835801.89 ft E 1544041.49 ft
 Station: 19+57.8 Offset: 4.8L
 Ground Elevation: 369.5 ft

Casing Sampler
 Type: WB SS
 I.D.: 4 in 1.38 in
 Hammer Wt: 300 lb. 140 lb.
 Hammer Fall: 30 in. 30 in.
 Hammer/Rod Type: Manual/NW
 Rig: TRUCK MOBILE B-47 CE = 1.0

Groundwater Observations

Date	Depth (ft)	Notes
04/29/13	9.0	

Depth (ft)	Strata (t)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0-0.9	XXX	A-1-b, f.c. GRAVEL, Some f.c. Sand, little silt, medium compact, brown, Moist, Rec. = 0.9 ft, (FILL)				15-13-9-5 (22)				
0.9-1.8	XXX	A-1-b, Similar Soil, Rec. = 0.9 ft, (FILL)				4-13-10-13 (23)				
1.8-2.1		A-4, Clayey SILT, little f.c. gravel, hard, brown, Moist, Rec. = 0.3 ft, Cobble/boulder fragments recovered in shoe of spoon.				12-50/3" (R)				
2.1-7.0		No Recovery, Rec. = 0.0 ft, Casing refusal at 7.0 ft, interpreted as top of competent bedrock surface.				7-50/2" (R)				
7.0-9.0		Not Sampled, Advanced rollerbit 7.0 ft to 9.0 ft. Rock coring started at 9.0 ft.				Top of Bedrock @ 7.0 ft				
9.0-14.0		9.0 ft - 14.0 ft, Gray, Schist, Very close fracture spacing. Moderately hard to hard, Moderately to severely weathered, NXDC, Poor ROD. Seams of quartz embedded within rock core.	R-1	100 (28)	4.2					
14.0-19.0		14.0 ft - 19.0 ft, Similar Rock. NXDC	R-2	100 (40)	4.81					

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 Hole stopped @ 19.0 ft

Remarks:
 Project performed under CHA project No. 25043.

Notes:

1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING LOG 25043_BRO1448_LOGS.GPJ VERMONT AOT.GDT 5/7/13